GB

OPERATING INSTRUCTIONS

ELLER®

Steel Jack

ELDKS

NOTE: Owner and operator must read and understand this instruction manual before using the hand hoist.

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THANK YOU FOR SELECTING THE ELLER® STEEL JACK!

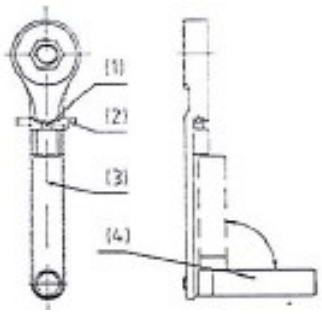
I. Introduction

This steel jack has a simple structure and a convenient operating which make it stable and quick to lift loads. Not only can it lift the load with it's head but also with it's lateral dental plate. As it adopts a mechanical structure for lifting loads. It's safety factor is quite high. So it is widely used for all kinds of vehicles, equipment maintenance and other lifting work such as in mines and laneways.

II. Warning

- The jack must be operated by proficient person.
- Operate on a level and firm floor.
- Prohibit using this jack if there is nobody watching over
- Prohibit overloading in case of accidents.
- Prohibit operating as being tilted in case of accidents.
- Prohibit loading off centre in case of accidents.
- Prohibit putting your hands or feet under the moveable parts of the jack.
- Do not put anything between the jack and the load in case of accidents
- Make daily checking before using the jack. Prohibit using the jack if it is faulty or damaged.
- The stroke of lifting heavy loads can't be too long

III. Operating instruction



- Pull down the handle pipe (4).
- Operate the safety turning handle (3) as shown:
  Push the locating pin to the right, turn the turning handle clockwise. Then the jack ascends.
  Push the locating pin to the left, turn the turning handle anticlockwise. Then the jack descends.
- Swivel the handle without load. The jack should lift without blocking and gears match well.
- Place the jack at a proper position and lift the load. Prohibit putting anything between the jack and the load. Swivel the handle clockwise. When the handle is stressed, stop swiveling and check whether the lifting is stable and tilted, and the handle is locked. Readjust the stressed point and correct the error if something is abnormal. Swivel the handle clockwise to lift the load for about 1-2cm. Repeat the checking above to confirm the safety. Then lift the load of the required height. (The stroke of lifting shouldn't be very long.)
- When descending, turn the turning handle anticlockwise slowly to lower the load.
- When not use, lower the jack to the bottom and keep it at a safe place in case of injures.

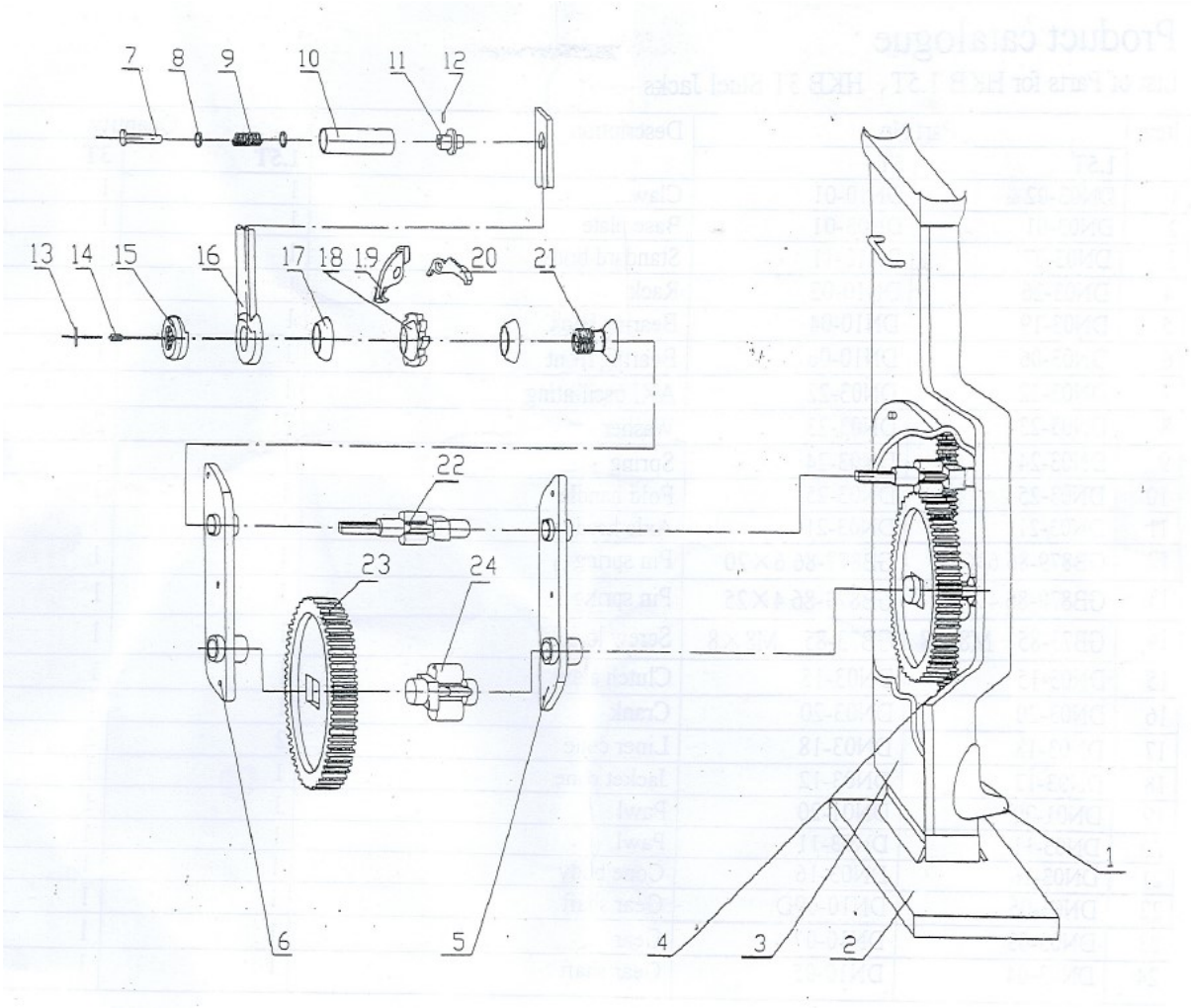
III. Maintenance

- Make daily checking before using the jack. Turn the turning handle unloaded. The jack should ascend and descend without blocking, gears meshes well and the ratchet wheel locks well.
- Prohibit exposing the steel jack. Protect it against damp.
- Exam this steel jack every six months. Disassemble all the parts (except turning handle) and clean them with diesel oil. Check the gears for wearing, distortion, cracks and so on, and change the faulty parts timely. Lubricate the junction surface, sliding parts and axis joints of gears after finishing checking. Assemble the jack and make an unloaded checking.

IV. Technical parameter

Model	Safe Working Load (kg)	Height of jack body (mm)	Lifting height (mm)	Height of claw in lowest position (mm)	Net weight (kg)
ELKK01500	1500	570	300	70	11
ELKK03000	3000	570	300	75	18
ELKK05000	5000	600	300	70	22
ELKK10000	10000	650	300	80	38

Spare parts



Spare parts list

Item	Part No.		Description	Quantity	
	1.5T	3T		1.5T	3T
1	DN03-02	DN10-01	Claw	1	1
2	DN03-01	DN03-01	Base plate	1	1
3	DN03-07	DN10-11	Standard body	1	1
4	DN03-26	DN10-02	Rack	1	1
5	DN03-19	DN10-04	Bearing back	1	1
6	DN03-06	DN10-06	Bearing front	1	1
7	DN03-22	DN03-22	AXI oscillating	1	1
8	DN03-23	DN03-23	Washer	2	2
9	DN03-24	DN03-24	Spring	1	1
10	DN03-25	DN03-25	Fold handle	1	1
11	DN03-21	DN03-21	Axle head	1	1
12	GB879-86 6×20	GB879-86 6×20	Pin spring	1	1
13	GB879-86 4×25	GB879-86 4×25	Pin spring	1	1
14	GB73-85 M8×8	GB73-85 M8×8	Screw lock	1	1
15	DN03-15	DN03-15	Clutch claw	1	1
16	DN03-20	DN03-20	Crank	1	1
17	DN03-18	DN03-18	Liner cone	2	2
18	DN03-12	DN03-12	Jacket cone	1	1
19	DN01-20	DN01-20	Pawl	1	1
20	DN03-11	DN03-11	Pawl	1	1
21	DN03-16	DN03-16	Cone body	1	1
22	DN03-05	DN10-09D	Gear shaft	1	1
23	DN03-03	DN10-07	Gear	1	1
24	DN03-04	DN10-05	Gear shaft	1	1

CE ORIGINELE VERKLARING VAN OVEREENSTEMMING

Volgens Annex IIA van machinerichtlijn (2006/42/EG)

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Hierbij verklaren wij, Louis Reyners dat de onderstaande producten vanaf het bouwjaar 2009:

ELLER dommekrachten voor een draaglast van 1,5t tot 20t

Voldoen aan onderstaande richtlijnen zoals bekend gemaakt in het Publicatieblad van de Europese Unie:

EG-machinerichtlijn	2006/42/EG

Toegepaste geharmoniseerde normen:

NEN-EN-ISO 12100-1:2003	Veiligheid van machines - Basisterminologie
NEN-EN-ISO 12100-2:2003	Veiligheid van machines - Technische beginselen
NEN-EN 1494:2000+A1:2008 en	Verrijdbare of verplaatsbare krikken en vijzels, en bijbehorende hefinrichtingen

Indien aan het concept enige veranderingen worden aangebracht vervalt onze verantwoordelijkheid.

Zaandam , 7 december 2009

H. Gitsels

Directeur